

$$10. \frac{\sqrt{r+1} \sqrt{r}}{r}$$

$$11. \frac{\sqrt{r+1} \sqrt{r}}{r}$$

$$12. \frac{\sqrt{r+1} \sqrt{r}}{r}$$

$$13. \frac{1}{r} \left(\frac{r}{r+1} + 1 \right) \frac{1}{r}$$

$$14. \frac{r}{r+1} = \frac{r}{r+1} \cdot \frac{r+1}{r+1} = \frac{r(r+1)}{(r+1)^2}$$

$$15. \frac{r}{r+1} \cdot \frac{1}{r} = \frac{1}{r+1}$$

$$16. \frac{1}{r} + \frac{1}{r+1} = \frac{r+1}{r(r+1)} + \frac{r}{r(r+1)} = \frac{2r+1}{r(r+1)}$$

$$17. \frac{\sqrt{r+1} \sqrt{r}}{r}$$

$$18. \frac{\sqrt{r+1} \sqrt{r}}{r} = \frac{1}{r}$$

$$19. \frac{\sqrt{r+1} \sqrt{r}}{r} = \frac{1}{r}$$

$$20. \frac{\sqrt{r+1} \sqrt{r}}{r} = \frac{1}{r}$$

$$21. \frac{\sqrt{r+1} \sqrt{r}}{r} \times \frac{1}{\sqrt{r+1} \sqrt{r}} = \frac{1}{r}$$

$$22. \frac{\sqrt{r+1} \sqrt{r}}{r} = \frac{1}{r}$$

$$23. \frac{\sqrt{r+1} \sqrt{r}}{r} = \frac{1}{r}$$

$$24. \frac{\sqrt{r+1} \sqrt{r}}{r} = \frac{1}{r}$$

$$25. \frac{\sqrt{r+1} \sqrt{r}}{r} = \frac{1}{r}$$

$$26. \frac{\sqrt{r+1} \sqrt{r}}{r} = \frac{1}{r}$$

$$27. \frac{r}{r+1} = \frac{r}{r+1} \cdot \frac{r+1}{r+1} = \frac{r(r+1)}{(r+1)^2}$$

$$28. \frac{r}{r+1} \cdot \frac{1}{r} = \frac{1}{r+1}$$

$$29. \frac{1}{r} + \frac{1}{r+1} = \frac{r+1}{r(r+1)} + \frac{r}{r(r+1)} = \frac{2r+1}{r(r+1)}$$

$$30. \frac{1}{r} \left(\frac{r}{r+1} + 1 \right) \frac{1}{r} = \frac{1}{r(r+1)}$$

$$31. \frac{\sqrt{r+1} \sqrt{r}}{r}$$

$$32. \frac{\sqrt{r+1} \sqrt{r}}{r}$$

$$33. \frac{\sqrt{r+1} \sqrt{r}}{r}$$

$$34. \frac{\sqrt{r+1} \sqrt{r}}{r}$$

$$vs \frac{u^2 \ln u}{u^2 - 1} \Big|_1^u$$

$$vs \frac{u^2 \ln u}{(1-u^2) - 1}$$

$$vs \frac{u^2 \ln u}{u^2 - 1}$$

$$\frac{u^2}{u^2 - 1} = u^2 \cdot \frac{1}{u^2 - 1}$$

$$\frac{u^2}{u^2 - 1} \times \frac{1}{u^2 - 1}$$

$$vs \frac{u}{p+1} + \frac{p}{p-1}$$

$$1 = (p-1)u + (p+1)p$$

$$\frac{1}{p-1} = u + \frac{p}{p-1}$$

$$\frac{1}{p-1} = u + \frac{p}{p-1}$$

$$vs \frac{1}{p+1} + \frac{1}{p-1}$$

$$2 + \ln(1) \frac{1}{p} + \ln(-1) \frac{1}{p} =$$

$$2 + \ln(1) \frac{1}{p} + \ln(-1) \frac{1}{p} =$$

$$vs \frac{1+u}{\sqrt{1-u}}$$

$$vs \frac{1+u}{\sqrt{1-u}}$$

$$vs \frac{1+u}{\sqrt{1-u}} \cdot \frac{1}{1-u}$$

$$vs \frac{1+u}{\sqrt{1-u}} \cdot \frac{1}{1-u}$$

$$vs \frac{1+1}{\sqrt{1-1}} \cdot \frac{1}{1-1}$$

$$vs \frac{1+1-p}{\sqrt{1-u}}$$

$$vs \frac{1}{\sqrt{1-u}} \cdot \frac{1}{1-u}$$

$$vs \frac{1}{p-1}$$

$$p + \frac{p}{p-1}$$

$$p + \frac{p}{p-1}$$

$$u. \frac{u \cdot b' \cdot i + u \cdot b' \cdot i}{u \cdot b' \cdot i}$$

$$u. \frac{u \cdot b' \cdot i + u \cdot b' \cdot i}{u \cdot b' \cdot i}$$

$$\frac{u \cdot b' \cdot i + u \cdot b' \cdot i}{u \cdot b' \cdot i}$$

$$u. \frac{u \cdot b' \cdot i + u \cdot b' \cdot i}{u \cdot b' \cdot i}$$

$$2 + 1 - b' \cdot i + 1 \cdot i =$$

$$u. \frac{u \cdot b' \cdot i + u \cdot b' \cdot i}{u \cdot b' \cdot i}$$

$$u. \frac{1}{u \cdot b' \cdot i} \times u \cdot b' \cdot i$$

$$u. \frac{u \cdot b' \cdot i + u \cdot b' \cdot i}{u \cdot b' \cdot i}$$

$$\frac{u \cdot b' \cdot i}{u \cdot b' \cdot i} = u$$

$$\frac{u \cdot b' \cdot i}{u \cdot b' \cdot i} \times u \cdot b' \cdot i$$

$$2 + \frac{u \cdot b' \cdot i}{u \cdot b' \cdot i} = 2 + \frac{u \cdot b' \cdot i}{u \cdot b' \cdot i}$$

$$u. (u \cdot b' \cdot i - u \cdot b' \cdot i) \cdot i =$$

$$u. (u \cdot b' \cdot i - u \cdot b' \cdot i) \cdot i =$$

$$u. (u \cdot b' \cdot i - u \cdot b' \cdot i) \cdot i =$$

$$u. \frac{u \cdot b' \cdot i}{u \cdot b' \cdot i} \cdot i =$$

$$\frac{u \cdot b' \cdot i}{u \cdot b' \cdot i} \cdot i =$$

$$\frac{u \cdot b' \cdot i}{u \cdot b' \cdot i} \cdot i =$$

$$\frac{u \cdot b' \cdot i}{u \cdot b' \cdot i} \cdot i =$$

$$\frac{u \cdot b' \cdot i}{u \cdot b' \cdot i} \cdot i =$$

$$2 + u \cdot b' \cdot i \times \frac{1}{u \cdot b' \cdot i} + u \cdot b' \cdot i \times \frac{1}{u \cdot b' \cdot i} - u \cdot b' \cdot i \times \frac{1}{u \cdot b' \cdot i} = u \cdot b' \cdot i$$

$$2 + u \cdot b' \cdot i \times \frac{1}{u \cdot b' \cdot i} - u \cdot b' \cdot i \times \frac{1}{u \cdot b' \cdot i} + u \cdot b' \cdot i \times \frac{1}{u \cdot b' \cdot i} =$$

$$vs \frac{1 + \sqrt{c-u}}{c - \sqrt{c-u}} \Big|$$

$$\frac{1 + \sqrt{c-u}}{c - \sqrt{c-u}}$$

$$\sqrt{c-u} = u$$

$$c-u = u^2$$

$$vs = vs \cdot u^2$$

$$vs \cdot u^2 \times \frac{1+u}{c-u^2} \Big|$$

$$vs \frac{(u^2+u^2)u}{(1-u^2)u}$$

$$\frac{1+u}{1-u} \sqrt{u+u^2}$$

$$\frac{u^2}{c \pm u^2}$$

$$vs \frac{c}{1-u} + c+u \Big| =$$

$$0 + (1-u)u + u(c + \frac{c}{u}) =$$

$$= \sqrt{c-u} \sqrt{c-u} + \sqrt{c-u} \sqrt{c-u} =$$

$$vs \frac{u-u^2}{u-u^2+1} \Big|$$

$$vs \frac{u-u^2}{u^2-1+1}$$

$$vs \frac{u-u^2}{u^2-1}$$

$$\begin{matrix} u=u \\ u=u \\ u=u \end{matrix} \Big| \begin{matrix} u-u^2 \\ u^2-1 \\ u^2-1 \end{matrix}$$

$$vs \frac{u-u^2}{u^2-1}$$

$$vs \frac{u}{u+1} + \frac{P}{u-1} \Big|$$

$$1 = (u-1)u + (u+1)P$$

$$\frac{1}{u} = P + u + P \cdot u$$

$$\frac{1}{u} = u + P - u \cdot P$$

$$vs \frac{1}{u+1} + \frac{1}{u-1} \Big|$$

$$\left[\frac{1}{u+1} \right] \frac{1}{u} + \left[\frac{1}{u-1} \right] \frac{1}{u}$$

$$\left(\frac{1}{u+1} \right) \frac{1}{u} + \left(\frac{1}{u-1} \right) \frac{1}{u} =$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u_s \frac{(9+u_1-u_2)}{9} \Big|_{10}$$

$$u \cdot (u - v - c) \Big|_0^1 = 0$$

$$u \Big|_0^1 = 0 \quad (u - v - c) \Big|_0^1 = 0$$

$$u = 0 \quad u \cdot \frac{v - u - c}{u - v - c} = 0$$

$$0 \cdot 0 = 0 \quad 0 \cdot 0 = u \cdot (u - v - c) \Big|_0^1$$

$$u \cdot \frac{v - u - c}{u - v - c} \Big|_0^1 = (u - v - c) \Big|_0^1 u =$$

$$u \cdot \frac{u - v - c}{u - v - c} \Big|_0^1 = (u - v - c) \Big|_0^1 u =$$

$$\frac{u - v - c}{u - v - c} \cdot \frac{u - v - c}{u - v - c}$$

$$\frac{u - v - c}{u - v - c}$$

$$u \cdot \frac{u - v}{u - v - c} + c \Big|_0^1 = (u - v - c) \Big|_0^1 u =$$

$$u \cdot \frac{u - v}{(u - v - c)} + c \Big|_0^1 = (u - v - c) \Big|_0^1 u =$$

$$\frac{u - v - c}{u - v - c} \cdot \frac{u - v - c}{u - v - c} = u - v - c = (u - v - c) \Big|_0^1 u =$$